

VOSH PROGRAM DIRECTIVE: 12-257A

ISSUED: 15 February 2018

SUBJECT: Powered Platforms, Manlifts, and Vehicle-Mounted Elevating and Rotating Work Platforms, §§1910.66 through 1910.68

Purpose **CHANGE II:** This Directive transmits to field personnel amendments to the Vehicle-Mounted Elevating and Rotating Work Platforms standard, §§1910.66 through 1910.68, which resulted from the adoption of the Final Rule on Walking-Working Surfaces (81 FR 82494, 18 November 2017).

CHANGE I: This Directive transmits to field personnel federal OSHA's correction to the standard for Vehicle-Mounted Elevating and Rotating Work Platforms.

This Program Directive is an internal guideline, not a statutory or regulatory rule, and is intended to provide instructions to VOSH personnel regarding internal operation of the Virginia Occupational Safety and Health Program and is solely for the benefit of the program. This document is not subject to the Virginia Register Act or the Administrative Process Act; it does not have general application and is not being enforced as having the force of law.

Scope This directive applies VOSH-wide.

Reference **CHANGE II:** 81 FR 82494 (18 November 2016)
CHANGE I: 79 FR 37189 (1 July 2014)

Cancellation VOSH PD 12-257 (15 January 2015)

Effective Date **CHANGE II:** 15 February 2018
CHANGE I: 15 February 2015

Action Directors and Managers shall ensure that VOSH personnel understand and enforce the requirements included in this Directive.

Expiration Date Not Applicable.

C. Ray Davenport
Commissioner

Distribution: Commissioner of Labor and Industry
Assistant Commissioner
VOSH Directors and Managers
Legal Support & OIS Staffs

Consultation Programs Manager
VOSH Compliance & Cooperative Programs Staff
OSHA Region III & Norfolk Area Offices

Attachment: **CHANGE II:** 81 FR 82494 (18 November 2016) or refer to:
https://www.osha.gov/FedReg_osea_pdf/FED20161118.pdf

CHANGE I: 79 FR 37189 (1 July 2014) or refer to
http://www.osha.gov/FedReg_osea_pdf/FED20140701.pdf

I. Background

CHANGE II: In 1971, OSHA adopted its initial general industry standards on Walking-Working Surfaces (Part 1910, Subpart D) and Personal Protective Equipment (PPE) (Part 1910, Subpart I) from national consensus standards in existence at the time and, subsequently, adopted as occupational safety and health standards any established federal and national consensus standards. Those national consensus standards have been updated and revised over time to incorporate advancements in technology and industry best practices. OSHA's existing walking-working surfaces standards, however, have not kept pace with those advancements.

On February 16, 2017, the Safety and Health Codes Board adopted federal OSHA's final Rule on Walking-Working Surfaces, which contained revisions to Subpart F of Part 1910, Powered Platforms, Manlifts, and Vehicle-Mounted Work Platforms, §§1910.66 – 1910.68. These revisions became effective on May 15, 2017.

CHANGE I: Federal OSHA corrected a typographical error in its standard on Vehicle-Mounted Elevating and Rotating Work Platforms in §1910.67 because the standard, as published, contained a title error.

On December 11, 2014, the Safety and Health Codes Board adopted federal OSHA's correction to the standard on Vehicle-Mounted Elevating and Rotating Work Platforms, §1910.67, with an effective date of February 15, 2015.

II. Summary

CHANGE II: The revised final rule for Walking-Working Surfaces updated the requirements in all of the general industry walking-working surfaces, including but not limited to, floors, ladders, stairways, runways, dockboards, roofs, scaffolds, and elevated work surfaces and walkways, as well as fall and falling object protection. It adds new requirements on the design, performance, and use of personal fall protection systems in Part 1910, Subpart I-Personal Protective Equipment.

It also included changes to provisions in Subpart F of Part 1910 - Powered Platforms, Manlifts, and Vehicle-Mounted Work Platforms of Part 1910. OSHA drew many of the revisions, new provisions, and technological advancements in the amended final rules from various national consensus standards. Primarily, the changes are technical in nature and are necessary so all sections in Part 1910 conform to final Subparts D-Walking-Working Surfaces and I- Personal Protective Equipment.

Powered Platforms for Building Maintenance. In §1910.66, paragraphs (b)(2)(i), (c)(3), (f)(5)(ii)(L) and (M), (f)(5)(iii)(B), and (j) were revised to specify that employers comply with the requirements in Subpart I – Personal Protective Equipment, instead of those in Appendix C. With the addition of the personal fall arrest system provisions to final Subpart I, §1910.66 Appendix C is no longer necessary and, therefore, was deleted. Appendix D to §1910.66, Existing Installations (Mandatory), was amended to reference compliance with the requirements of the standard on Walking-Working Surfaces (Subpart D of this part).

Vehicle-mounted elevating and rotating work platforms. In §1910.67(c)(2)(v), OSHA replaced the existing provision with the requirement that workers use a personal fall arrest system or travel restraint system that meets the requirements of final Subpart I when working from an aerial lift. This revision also made final §1910.67 consistent with the construction aerial lift (§1926.453(b)(2)(v) note 1) and fall protection standards (§1926.502(d)) as well as Subpart V (§§1910.269(g)(2)(iv)(C)(1) and

1926.954(b)(3)(iii)(A).

Manlifts. Paragraphs (b)(8)(ii) and (b)(12) of §1968 were revised to comply with the requirements of the Walking-Working Surfaces standard (Subpart D of this part) for the protection of entrances and exits with guardrails in construction and emergency exit ladders.

CHANGE I: Federal OSHA corrected non-substantive typographical errors in its standard for Vehicle-Mounted Elevating and Rotating Work Platforms, §1910.67. The typographical error corrected was in the title of a national consensus standards organization referenced in §1910.67(c)(5), which states that all welding done on vehicle-mounted elevating and rotating work platforms must conform to Automotive Welding Society Standards incorporated by reference in §1910.6. However, as §1910.6(i) specifies, the correct title of the organization is the American Welding Society Standards. In §1910.67(c)(5), federal OSHA replaced “Automotive” with “American”. Section 1910.67 (c)(5) now reads: “*Welding standards.* All welding shall conform to the following American Welding Society (AWS) Standards which are incorporated by reference as specified in §1910.6, as applicable:”...

**Powered Platforms, Manlifts, and Vehicle-Mounted Elevating and Rotating Work Platforms,
§§1910.66 through 1910.68**

As Adopted by the
Safety and Health Codes Board

Date: 16 February 2017



VIRGINIA OCCUPATIONAL SAFETY AND HEALTH PROGRAM

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

Effective Date: 15 May 15 2017

16VAC25-90-1910.66, Powered Platforms for Building Maintenance, §1910.67
16VAC25-90-1910.67, Vehicle-Mounted Elevating and Rotating Work Platforms, §1910.67
16VAC25-90-1910.68, Manlifts, §1910.68

When the regulations, as set forth in the Amendments to Subpart F of Part 1910, Powered Platforms, Manlifts, and Vehicle-Mounted Work Platforms, §§1910.66 through 1910.68, are applied to the Commissioner of the Department of Labor and Industry and/or to Virginia employers, the following federal terms shall be considered to read as below:

Federal Terms

VOSH Equivalent

29 CFR

VOSH Standard

Assistant Secretary

Commissioner of Labor and Industry

Agency

Department

January 17, 2017

May 15, 2017

- 5. In § 1910.66:
 - a. Revise paragraphs (b)(2)(i), (c)(3), (f)(5)(ii)(L) and (M), (f)(5)(iii)(B), and (j);
 - b. Remove and reserve appendix C; and
 - c. Revise appendix D, paragraph (c)(4).

The revisions read as follows:

§ 1910.66 Powered platforms for building maintenance.

* * * * *

(b) * * *

(2) * * *

(i) Permanent installations in existence and/or completed before July 23, 1990 shall comply with paragraphs (g), (h), (i), (j) and appendix C to subpart I of this part.

* * * * *

(c) * * *

(3) Building owners of all installations, new and existing, shall inform the employer in writing that the installation has been inspected, tested, and maintained in compliance with the requirements of paragraphs (g) and (h) of this section and that all anchorages meet the requirements of § 1910.140(c)(13).

* * * * *

(f) * * *

(5) * * *

(ii) * * *

(L) The platform shall be provided with a secondary wire rope suspension system if the platform contains overhead structures which restrict the emergency egress of employees. A horizontal lifeline or a direct connection anchorage shall be provided as part of a personal fall arrest system that meets the requirements of subpart I of this part for each employee on such a platform.

(M) A vertical lifeline shall be provided as part of a personal fall arrest system that meets the requirements of subpart I of this part for each employee on a working platform suspended by two or more wire ropes, if the failure of one wire rope or suspension attachment will cause the platform to upset. If a secondary wire rope suspension is used, vertical lifelines are not required for the personal fall arrest system, provided that each employee is attached to a horizontal lifeline anchored to the platform.

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(iii) * * *

(B) Each single point suspended working platform shall be provided with a secondary wire rope suspension system which will prevent the working platform from falling should there be a failure of the primary means of support, or if the platform contains overhead structures which restrict the egress of

Subpart F—[Amended]

the employees. A horizontal life line or a direct connection anchorage shall be provided as part of a personal fall arrest system that meets the requirements of subpart I of this part for each employee on the platform.

* * * * *

(j) *Personal fall protection.* Employees on working platforms shall be protected by a personal fall arrest system meeting the requirements of subpart I of this part and as otherwise provided by this standard.

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Appendix C to § 1910.66 [Reserved]

Appendix D to § 1910.66—Existing Installations (Mandatory)

* * * * *

(c) * * *

(4) *Access to the roof car.* Safe access to the roof car and from the roof car to the working platform shall be provided. If the access to the roof car at any point of its travel is not over the roof area or where otherwise necessary for safety, then self-closing, self-locking gates shall be provided. Access to and from roof cars must comply with the requirements of subpart D of this part.

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■ 6. In § 1910.67, revise paragraph (c)(2)(v) to read as follows:

§ 1910.67 Vehicle-mounted elevating and rotating work platforms.

* * * * *

(c) * * *

(2) * * *

(v) A personal fall arrest or travel restraint system that meets the requirements in subpart I of this part shall be worn and attached to the boom or basket when working from an aerial lift.

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■ 7. In § 1910.68, revise paragraphs (b)(8)(ii) and (b)(12) to read as follows:

§ 1910.68 Manlifts.

* * * * *

(b) * * *

(8) * * *

(ii) *Construction.* The rails shall be standard guardrails with toeboards that meet the requirements in subpart D of this part.

* * * * *

(12) *Emergency exit ladder.* A fixed metal ladder accessible from both the “up” and “down” run of the manlift shall be provided for the entire travel of the manlift. Such ladders shall meet the requirements in subpart D of this part.

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**Vehicle-Mounted Elevating and Rotating Work Platforms, §1910.67;
Corrections**

As Adopted by the
Safety and Health Codes Board

Date: December 11, 2014



VIRGINIA OCCUPATIONAL SAFETY AND HEALTH PROGRAM

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

Effective Date: February 15, 2015

16VAC25-90-1910.67, Vehicle-Mounted Elevating and Rotating Work Platforms, §1910.67

When the regulations, as set forth in the Correcting Amendments to standards for Vehicle-Mounted Elevating and Rotating Work Platforms, §1910.67, are applied to the Commissioner of the Department of Labor and Industry and/or to Virginia employers, the following federal terms shall be considered to read as below:

Federal Terms

VOSH Equivalent

29 CFR

VOSH Standard

Assistant Secretary

Commissioner of Labor and Industry

Agency

Department

July 1, 2014

February 15, 2015

§ 1910.67 Vehicle-mounted elevating and rotating work platforms.

* * * * *

(c) * * *

(5) "*Welding standards.*" All welding shall conform to the following American Welding Society (AWS) Standards which are incorporated by reference as specified in § 1910.6, as applicable:

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